

73813-2

11/17/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Iain Weatherston, Ph.D.
 ChemTica Internacional, S.A.
 c/o Technology Sciences Group, Inc.
 4061 North 156th Drive
 Goodyear, AZ 85338

NOV 17 2010

Subject: Amendment to Split Label into Residential and Commercial Sub-Labels
 Product Name: BeetleBlock-VERBENONE
 EPA Reg. No: 73813-2
 Your Submission Dated July 5, 2010

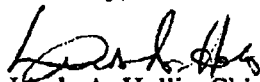
Dear Dr. Weatherston:

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. Should you have any questions regarding this action, you may contact Gina Casciano at (703) 605-0513 or via email at casciano.gina@epa.gov. A stamped copy of the label is enclosed for your records.

Sincerely,



Linda A. Hollis, Chief

CONCURRENCES

Biochemical Pesticides Branch
 Biopesticides and Pollution
 Prevention Division (7511P)

SYMBOL	7511P	7511P					
SURNAME	Casciano	COLE					
DATE	9/25/10	9/28/10					

2. 810

BeetleBlock - Verbenone EPA Reg. No. 73813-2 Master Label
BeetleBlock - Verbenone EPA Reg. No. 73813-2 Sub-label #1 Commercial
BeetleBlock - Verbenone EPA Reg. No. 73813-2 Sub-label #2 Residential

BeetleBlock - VERBENONE

A REPELLENT PHEROMONE PRODUCT FOR CONTROL OF
THE MOUNTAIN PINE BEETLE *Dendroctonus ponderosae*, WESTERN PINE
BEETLE *Dendroctonus brevicomis* AND SOUTHERN
PINE BEETLE *Dendroctonus frontalis*.

ACTIVE INGREDIENT

Verbenone, 4,6,6-Trimethylbicyclo(3.1.1) hept-3-en-2-one 91.49%

OTHER INGREDIENTS

8.51%

TOTAL 100.00%

Each dispenser contains 6.75 grams of verbenone

The dispenser components constitute approximately 75% of the products total weight

ACCEPTED

NOV 17 2010

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No. 73813-2

KEEP OUT OF REACH OF CHILDREN

MANTENGA FUERA DEL ALCANCE DE NIÑOS

CAUTION

PRECAUCIÓN

If you do not understand the label, find someone to explain it to you in detail
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle

SEE BACK PANEL FOR FIRST AID STATEMENTS
READ ALL DIRECTIONS BEFORE USING THIS PRODUCT

ChemTica Internacional S.A.
Apdo. 159-2150
San Jose, Costa Rica

EPA Registration No. 73813-2

EPA Establishment No. 73813-CR-1

CONTENTS

2 Dispensers containing 0.236 oz (6.75 g) pheromone per dispenser for a total of 0.472 oz
10 Dispensers containing 0.236 oz (6.75 g) pheromone per dispenser for a total of 2.36 oz
100 Dispensers containing 0.236 oz (6.75 g) per dispenser for a total of 1 lb 7.6 oz

Iteration 14M [11152010]

[BATCH NUMBER]

3 810

BeetleBlock - Verbenone EPA Reg. No. 73813-2 Sub-label #1 Commercial

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Iteration 14C [11152010]

[BATCH NUMBER]

4 8 10

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Harmful if swallowed. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove contaminated clothing and wash before reuse.

FIRST AID

IF SWALLOWED

- Call poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 - 20 minutes.
- Call poison control center or doctor for treatment advice.

IF IN EYES

- Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing the eye.
- Call poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 (daily, between 9.30 am and 7.30 pm EST) for emergency treatment advice.

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, or areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of dispensers.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

1. CROP: Lodgepole Pine, Ponderosa Pine, Whitebark Pine, Western White Pine, Southwestern White Pine, Limber Pine, Sugar Pine, Coulter Pine, Monterey Pine, Jack Pine, Red Pine, Jeffery Pine, Scotch Pine, Knobcone Pine, Bristlecone Pine, Bishop Pine, Aleppo Pine, Torrey Pine, Spruce Pine, Digger Pine, Pinion Pine, Pitch Pine, Slash Pine, Longleaf Pine, Shortleaf Pine, Virginia Pine, Pond Pine, Eastern White Pine, Loblolly Pine, Engelmann Spruce, White Spruce, Lutz Spruce and Sitka Spruce.

2. PEST:

Mountain Pine beetle	-	<i>Dendroctonus ponderosae</i> .
Southern Pine beetle	-	<i>Dendroctonus frontalis</i>
Western Pine beetle	-	<i>Dendroctonus brevicornis</i>
Red Turpentine beetle	-	<i>Dendroctonus valens</i>
Pine Engraver	-	<i>Ips pini</i>
Northern Spruce Engraver	-	<i>Ips perturbatus</i>
California Five-spined Ips	-	<i>Ips paraconfusus</i>

3. APPLICATION: BeetleBlock - VERBENONE dispensers are for use in forests, municipal parks and shade tree areas, recreational use areas such as campgrounds, golf courses, parks and parkways, ornamental and shade tree plantings; suburban areas; rights of way and other easements.

Prior to use open foil shipping bag carefully in a well ventilated area to allow any accumulated vapors to vent. Do not puncture reservoir, staple only through the colored plastic tab at top of dispenser.

BeetleBlock - VERBENONE dispensers are used to prevent or reduce bark beetle attacks on susceptible trees or stands containing a significant portion of pine or spruce trees. BeetleBlock - VERBENONE dispensers emit an anti-aggregation pheromone that is repellent to Mountain Pine beetle, Southern Pine beetle, Western Pine beetle and other conifer infesting beetles

BeetleBlock - VERBENONE is intended to be used as part of an integrated pest management system. When in doubt about treatment consult a knowledgeable professional (U.S. Forest Service, State Forester, Arborist, Forester) before using BeetleBlock - VERBENONE. For best results remove as many beetle infested trees as possible from the site prior to beetle emergence and deploying BeetleBlock - VERBENONE

For treatment areas greater than half an acre staple BeetleBlock - VERBENONE dispensers 6-12 feet above the ground, on the north face of susceptible trees in a grid pattern at a minimum of 20 dispensers/acre. Maximum allowable dose is 60 dispensers/acre/year.

For treatment areas between one half and one quarter of an acre, place dispensers at 35 foot intervals around the perimeter and place the remaining dispensers on the north side of the largest diameter trees.

6 8 10

For protection of individual trees, staple at least 2 dispensers on the north face of the tree (maximum 30 trees/acre) with one dispenser at 6 feet and the other at 12 feet above the ground. For trees larger than 14 inches in diameter (at breast height) use four dispensers stapled to the tree in four cardinal directions (maximum 15 trees/acre). When using four dispensers per tree, alternate the height of adjacent dispensers, two at 6 feet and two at 12 feet above the ground.

4. TIMING: Deploy the dispensers before initial beetle flight, usually May - June.
5. NOTES:
- [i] If more than 20% of trees are infested, repellence may be less effective.
 - [ii] Treating larger areas gives a geometrical advantage in so far that beetles repelled from the area will attempt to fly out of the treatment zone and hence the larger the treated area the more beetles are likely to exhaust and die.

STORAGE AND DISPOSAL STATEMENTS
DO NOT CONTAMINATE FOOD OR FEED BY STORAGE OR DISPOSAL

- PESTICIDE STORAGE:** Store in original container, in cool, dry area at 75°F (25°C) or below.
- PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.
- CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Completely empty shipping bag, then offer for recycling if available. Dispose of empty bag and exhausted dispensers in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning, if burned, stay out of smoke.

WARRANTY

ChemTica Internacional warrants that this product conforms to the chemical description on the label. To the extent consistent with applicable law, ChemTica Internacional neither makes nor authorizes any agent or representative to make any other warranty of fitness or of merchantability, guarantee or representation, express or implied, concerning this material. To the extent consistent with applicable law, ChemTica Internacional's maximum liability for breach of this warranty shall not exceed the purchase price of the product. To the extent consistent with applicable law, Buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this product.

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ENVIRONMENTAL HAZARDS

To protect the environment do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters.

DIRECTIONS FOR USE

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3. APPLICATION:

BeetleBlock - VERBENONE dispensers are for residential use in homes, yards, lawns and gardens.

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